

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: August 27, 2001, 13:09:02 ; Search time 97.83 Seconds
(without alignments)
5338.949 Million cell updates/sec

Title: US-09-784-340-1

Perfect score: 2759
Sequence: 1 caaccattgcagatcagtggt.....ctgtcagccgttactagcgt 2759

Scoring table: OLIGO.MUC
Gapop 60.0 , Gapept 60.0

Searched: 324599 seqs, 94655562 residues

Word size: 0

Total number of hits satisfying chosen parameters: 649198

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database :
1: /cgn2_patents_NA:*
2: /cgn2_6/ptodata/2/ina/5A.COMB.seq:*
3: /cgn2_6/ptodata/2/ina/5B.COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6A.COMB.seq:*
5: /cgn2_6/ptodata/2/ina/6B.COMB.seq:*
6: /cgn2_6/ptodata/2/ina/PCRNUS.COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	27	1.0	3464	4	US-09-318-448-30
2	25	0.9	958	2	US-08-757-046A-5
3	25	0.9	958	3	US-09-447-208-5
4	25	0.9	958	4	US-09-135-988-5
5	25	0.9	958	4	US-09-277-716-5
6	25	0.9	958	4	US-08-597-274A-5
7	25	0.9	2430	4	US-08-488-199-3
8	25	0.9	5852	1	US-07-867-106-2
9	25	0.9	24979	2	US-08-147-777-3
10	25	0.9	24979	3	US-08-452-872-3
11	25	0.9	24979	5	PCR-US93-03985-3
12	24	0.9	616	2	US-08-630-822A-93
13	24	0.9	616	2	US-09-005-069-93
14	24	0.9	643	2	US-08-484-993B-19
15	24	0.9	643	2	US-08-484-158B-19
16	24	0.9	643	2	US-08-484-596A-19
17	24	0.9	643	2	US-08-480-150A-19
18	24	0.9	643	3	US-08-458-731-19
19	24	0.9	643	3	US-08-149-223A-19
20	24	0.9	1463	4	US-09-426-557-1
21	24	0.9	1627	1	US-08-615-170-2
22	24	0.9	1666	1	US-08-615-170-4
23	24	0.9	2801	3	US-08-747-221B-30
24	24	0.9	2801	3	US-08-747-221B-32
25	24	0.9	2836	3	US-08-747-221B-24
26	24	0.9	2836	3	US-08-747-221B-26
27	24	0.9	2901	5	PCR-US96-00419-4

28	23	0.8	45	2	US-08-975-902-33	Sequence 33, Appl
29	23	0.8	45	3	US-09-251-565-33	Sequence 33, Appl
30	23	0.8	54	2	US-08-771-624B-24	Sequence 24, Appl
31	23	0.8	497	2	US-08-522-421-9	Sequence 9, Appl
32	23	0.8	1029	1	US-09-031-485-6	Sequence 6, Appl
33	23	0.8	1029	1	US-09-031-485-6	Sequence 8, Appl
34	23	0.8	1029	1	US-08-847-429A-6	Sequence 6, Appl
35	23	0.8	1029	1	US-08-847-429A-8	Sequence 8, Appl
36	23	0.8	1029	3	US-09-065-474-6	Sequence 8, Appl
37	23	0.8	1029	3	US-09-065-474-8	Sequence 8, Appl
38	23	0.8	1035	3	US-09-009-156-4	Sequence 4, Appl
39	23	0.8	1173	2	US-08-468-819-88	Sequence 88, Appl
40	23	0.8	1198	2	US-08-756-387B-1	Sequence 1, Appl
41	23	0.8	1285	2	US-08-756-387B-3	Sequence 3, Appl
42	23	0.8	1285	1	US-08-480-910-1	Sequence 1, Appl
43	23	0.8	1285	5	PCR-US95-00052-1	Sequence 1, Appl
44	23	0.8	1478	4	US-09-426-557-7	Sequence 7, Appl
45	23	0.8	1633	4	US-09-119-788-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-09-318-448-30
; Sequence 30, Application US/09318448
; Patent No. 6210950
; GENERAL INFORMATION:
; APPLICANT: Johnson, William G.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: 601-1-057
; CURRENT APPLICATION NUMBER: US/09/318,448
; CURRENT FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 3464
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-318-448-30

Query Match 1.0%; Score 27; DB 4; Length 3464;
Best Local Similarity 100.0%; Pred. No. 0.021;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 2530 aagtaaaaaaaaaaaaaaaaaa 2556
Db 2328 aagtaaaaaaaaaaaaaaaaaa 2354
RESULT 2
US-08-757-046A-5
; Sequence 5, Application US/08757046A
; Patent No. 5876995
; GENERAL INFORMATION:
; APPLICANT: Bryan, Bruce
; TITLE OF INVENTION: BIOLUMINESCENT ARTICLES OF MANUFACTURE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Brown, Martin, Haller & McClain
; STREET: 1660 Union Street
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92101-2926
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5

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;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/757,046A
;; FILING DATE: 11-25-96
;; CLASSIFICATION: 435
;; PRIORITY APPLICATION DATA:
;; APPLICATION NUMBER: 08/597,274
;; FILING DATE: 02-06-96
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Seidman, Stephanie L
;; REGISTRATION NUMBER: 33,779
;; REFERENCE/DOCKET NUMBER: 6680-105B
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 619-238-0999
;; TELEFAX: 619-238-0062
;;
;; INFORMATION FOR SEQ ID NO: 5:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 958 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; HYPOTHEICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE:
;; ORIGINAL SOURCE:
;; FEATURE:
;; NAME/KEY: Coding Sequence
;; LOCATION: 115...702
;; OTHER INFORMATION: apoaeguorin-encoding gene
;; PUBLICATION INFORMATION:
;; AUTHORS: Inouye et al.
;; JOURNAL: Proc. Natl. Acad. Sci. U.S.A.
;; VOLUME: 82
;; PAGES: 3154-3158
;; DATE: (1985)
;; DOCUMENT NUMBER: PATENT NO.: 5,093,240
;; US-08-757-046A-5
;
Query Match 0.9%; Score 25; DB 2; Length 958;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 2530 aaagtaaaaaaaaaaaaaa 2554
DB 890 AAAGTAAAAAAAAAAAAAAAAA 914
;
RESULT 3
US-09-447-208-5
; Sequence 5, Application US/09447208
; Patent No. 6113886
; GENERAL INFORMATION:
; APPLICANT: Bryan, Bruce
; TITLE OF INVENTION: BIOLUMINESCENT ARTICLES OF MANUFACTURE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehnman White & McAuillife
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/447,208
; FILING DATE:
; CLASSIFICATION:

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;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 0909/135,988
;; FILING DATE: 08-17-98
;; CLASSIFICATION:
;; PRIORITY APPLICATION DATA:
;; APPLICATION NUMBER: 08/757,046
;; FILING DATE: 11-25-96
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/597,274
;; FILING DATE: 02-06-96
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Seidman, Stephanie L
;; REGISTRATION NUMBER: 33,779
;; REFERENCE/DOCKET NUMBER: 24727-105C
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 619-450-8400
;; TELEFAX: 619-450-8499
;;
;; INFORMATION FOR SEQ ID NO: 5:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 958 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cDNA
;; HYPOTHEICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE:
;; ORIGINAL SOURCE:
;; FEATURE:
;; NAME/KEY: Coding Sequence
;; LOCATION: 115...702
;; OTHER INFORMATION: apoaeguorin-encoding gene
;; PUBLICATION INFORMATION:
;; AUTHORS: Inouye et al.
;; JOURNAL: Proc. Natl. Acad. Sci. U.S.A.
;; VOLUME: 82
;; PAGES: 3154-3158
;; DATE: (1985)
;; US-09-447-208-5
;
Query Match 0.9%; Score 25; DB 3; Length 958;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 2530 aaagtaaaaaaaaaaaaaa 2554
DB 890 AAAGTAAAAAAAAAAAAAAAAA 914
;
RESULT 4
US-09-135-988-5
; Sequence 5, Application US/09135988
; Patent No. 6152358
; GENERAL INFORMATION:
; APPLICANT: Bryan, Bruce
; TITLE OF INVENTION: BIOLUMINESCENT ARTICLES OF MANUFACTURE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehnman White & McAuillife
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/135,988
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/757,046
; FILING DATE: 11-25-96
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/597,274
; FILING DATE: 02-06-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24727-105C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-450-8400
; TELEFAX: 619-450-8499
; TELEX:
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 958 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 115...702
; OTHER INFORMATION: apoaeguorin-encoding gene
; PUBLICATION INFORMATION:
; PUBLICATION INFORMATION: PATENT NO.: 5,093,240
; AUTHORS: Inouye et al.
; JOURNAL: Proc. Natl. Acad. Sci. U.S.A.
; VOLUME: 82
; PAGES: 3154-3158
; DATE: (1985)
; US-09-135-988-5

Query Match          0.9%; Score 25; DB 3; Length 958;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2530 aaagtaaaaaaaaaaaaaa 2554
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Db 890 AAGTAAAAAAAAAAAAAAAAA 914

RESULT 5
US-09-277-716-5
; Sequence 5, Application US/09277716A
; Patent No. 6232107
; GENERAL INFORMATION:
; APPLICANT: Bryan, Bruce
; APPLICANT: Szent-Gyorgyi, Christopher
; APPLICANT: PROLUME, LTD.
; TITLE OF INVENTION: LUCIFERASES, FLUORESCENT PROTEINS, NUCLEIC ACIDS ENCODING THE
; CURRENT APPLICATION NUMBER: US/09/277,716A
; EARLIER FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: 60/102,939
; EARLIER FILING DATE: 1998-10-01
; EARLIER APPLICATION NUMBER: 60/089,367
; EARLIER FILING DATE: 1998-06-15
; EARLIER APPLICATION NUMBER: 60/079,624
; EARLIER FILING DATE: 1998-03-27
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
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; LENGTH: 958
; TYPE: DNA
; ORGANISM: Aequorea (luminescent jellyfish)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (115)...(702)
; FEATURE:
; OTHER INFORMATION: Apoaeguorin-encoding gene
; PUBLICATION INFORMATION:
; PATENT DOCUMENT NUMBER: 5,093,240
; PATENT FILING DATE: 1987-10-08
; PUBLICATION DATE: 1992-03-03
; PUBLICATION INFORMATION:
; AUTHORS: Inouye, S.
; TITLE: Cloning and sequence analysis of cDNA for the luminescent protein aequo
; JOURNAL: Proc. Natl. Acad. Sci. USA
; VOLUME: 82(10)
; PAGES: 3154-3158
; DATE: 1985-05
; US-09-277-716-5

Query Match          0.9%; Score 25; DB 4; Length 958;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2530 aaagtaaaaaaaaaaaaaa 2554
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Db 890 aaagtaaaaaaaaaaaaaa 914

RESULT 6
US-08-597-274A-5
; Sequence 5, Application US/08597274A
; Patent No. 6247995
; GENERAL INFORMATION:
; APPLICANT: Bryan, Bruce
; TITLE OF INVENTION: BIOLUMINESCENT NOVELTY ITEMS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brown, Martin, Haller & McClain
; STREET: 1660 Union Street
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92101-2926
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/597,274A
; FILING DATE: 02/06/96
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 6680-105
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-238-0999
; TELEFAX: 619-238-0062
; TELEX:
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 958 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
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HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Coding Sequence
LOCATION: 115...702
OTHER INFORMATION: apoaequorin-encoding gene
PUBLICATION INFORMATION:
DOCUMENT NUMBER: 5,093,240
AUTHORS: Inouye et al.
JOURNAL: Proc. Natl. Acad. Sci. U.S.A.
VOLUME: 82
PAGES: 3154-3158
DATE: (1985)
US-08-597-274A-5

Query Match 0.9%; Score 25; DB 4; Length 958;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2530 aaagtaaaaaaaaaaaaaaaaaa 2554
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DB 890 AAGTAAAAAAAAAAAAAAAAA 914

RESULT 7
US-08-488-199-3
Sequence 3, Application US/08488199
Patent No. 5851993
GENERAL INFORMATION:
APPLICANT: Jalkanen, Markku
TITLE OF INVENTION: Suppression of Tumor Cell Growth By
TITLE OF INVENTION: Syndecan-1 Ectodomain
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSER: STERNE, KESSLER, GOLDSTEIN & FOX
STREET: 1100 New York Ave., NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,199
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/258,862
FILING DATE: 13-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: Cimbal, Michele A.
REGISTRATION NUMBER: 33,851
REFERENCE/DOCKET NUMBER: 1102.0130001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 2430 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
FEATURE:
NAME/KEY: CDS
LOCATION: 206..1138
US-08-488-199-3

Query Match 0.9%; Score 25; DB 2; Length 2430;
Best Local Similarity 100.0%; Pred. No. 0.14;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2530 aaagtaaaaaaaaaaaaaaaaaa 2554
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DB 2398 AAGTAAAAAAAAAAAAAAAAA 2422

RESULT 8
US-07-867-106-2/c
Sequence 2, Application US/07867106
Patent No. 5389526
GENERAL INFORMATION:
APPLICANT: Slade, Martin B
APPLICANT: Chang, Andy C M
APPLICANT: Williams, Keith L
TITLE OF INVENTION: Improved Plasmid Vectors for Cellular
TITLE OF INVENTION: Slime Moulds of the Genus Dictyostelium
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. 5389526rls
STREET: One Liberty Place 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/867,106
FILING DATE: 19920625
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PJ 7187
APPLICATION NUMBER: PCT/AU90/00530
FILING DATE: 02-NOV-1989
ATTORNEY/AGENT INFORMATION:
NAME: Feeney, Joanne Longo
REGISTRATION NUMBER: 35,134
REFERENCE/DOCKET NUMBER: RICE-0002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 5852 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: Single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: NO
FEATURE:
NAME/KEY: CDS
LOCATION: 2378..5038
NAME/KEY: CDS
LOCATION: 2378..5038
US-07-867-106-2

Query Match 0.9%; Score 25; DB 1; Length 5852;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2530 aaagtaaaaaaaaaaaaaaaaaa 2554
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DB 2011 AAGTAAAAAAAAAAAAAAAAA 1987

RESULT 9
US-08-147-777-3/C
; Sequence 3, Application US/08147777
; Patent No. 5914265
; GENERAL INFORMATION:
; APPLICANT: Roop, Dennis R.
; APPLICANT: Rothenagel, Joseph A.
; APPLICANT: Greenhalgh, David A.
; APPLICANT: Yuspa, Stuart H.
; TITLE OF INVENTION: KERATIN K1 EXPRESSION VECTORS
; TITLE OF INVENTION: AND METHODS OF USE
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LYON & LYON
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/147,777
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 07/876,289 two
; FILING DATE: April 30, 1992
; APPLICATION NUMBER: Unassigned (204/144)
; FILING DATE: October 29, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 204/153
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ. ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24979 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-147-777-3

Query Match 0.9%; Score 25; DB 2; Length 24979;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2530 aaagtaaaaaaaaaaaaaaa 2554
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Db 12666 AAGTAAAAAAAAAAAAAAAA 12642

RESULT 10
US-08-452-872-3/C
; Sequence 3, Application US/08452872
; Patent No. 6057298
; GENERAL INFORMATION:
; APPLICANT: Roop, Dennis R.
; APPLICANT: Rothenagel, Joseph A.
; APPLICANT: Greenhalgh, David A.
; APPLICANT: Yuspa, Stuart H.
; TITLE OF INVENTION: KERATIN K1 EXPRESSION VECTORS

; TITLE OF INVENTION: AND METHODS OF USE
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LYON & LYON
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,872
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA: US/08/147,777
; FILING DATE:
; APPLICATION NUMBER: 07/876,289
; FILING DATE: April 30, 1992
; APPLICATION NUMBER: Unassigned (204/144)
; FILING DATE: October 29, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 204/153
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ. ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24979 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-452-872-3

Query Match 0.9%; Score 25; DB 3; Length 24979;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2530 aaagtaaaaaaaaaaaaaaa 2554
|||||
Db 12666 AAGTAAAAAAAAAAAAAAAA 12642

RESULT 11
PCT-US93-03985-3/C
; Sequence 3, Application PC/TUS9303985
; GENERAL INFORMATION:
; APPLICANT: Roop, Dennis R.
; APPLICANT: Rothenagel, Joseph A.
; APPLICANT: Greenhalgh, David A.
; APPLICANT: Yuspa, Stuart H.
; TITLE OF INVENTION: DEVELOPMENT OF A VECTOR TO TARGET GENE
; TITLE OF INVENTION: EXPRESSION TO THE EPIDERMIS OF TRANSGENIC ANIMALS
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/03985
FILING DATE: 19930428
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Paul Thomas D.
REGISTRATION NUMBER: 32,714
REFERENCE/DOCKET NUMBER: D-5478
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713/651-5325
TELEFAX: 713/651-5246
TELEX: 762829
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 24979 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US93-03985-3

Query Match 0.9%; Score 25; DB 5; Length 24979;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2530 aaagtaaaaaaaaaaaaaaa 2554
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Db 12666 AAGTAAAAAAAAAAAAAAAA 12642

RESULT 12
US-08-630-822A-93
Sequence 93; Application US/08630822A
Patent No. 5840695
GENERAL INFORMATION:
APPLICANT: FRANK, GLENN R.
APPLICANT: HUNTER, SHIRLEY WU
APPLICANT: WALLENFELS, LYND A
TITLE OF INVENTION: NOVEL ECTOPARASITE SALIVA PROTEINS
TITLE OF INVENTION: AND APPARATUS TO COLLECT SUCH PROTEINS
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheridan Ross P.C.
STREET: 1700 Lincoln Street, Suite 3500
CITY: Denver
STATE: Colorado
COUNTRY: U.S.A.
ZIP: 80203
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630.822A
FILING DATE: 11-APR-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CONNELL, GARY J.
REGISTRATION NUMBER: 32,020
REFERENCE/DOCKET NUMBER: 2618-17-C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 863-9700
TELEFAX: (303) 863-0223
INFORMATION FOR SEQ ID NO: 93:
SEQUENCE CHARACTERISTICS:
LENGTH: 616 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-630-822A-93

Query Match 0.9%; Score 24; DB 2; Length 616;
Best Local Similarity 100.0%; Pred. No. 0.42;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2531 aagtaaaaaaaaaaaaaaa 2554
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Db 591 AAGTAAAAAAAAAAAAAAAA 614

RESULT 13
US-09-005-069-93
Sequence 93; Application US/09005069
Patent No. 5932470
GENERAL INFORMATION:
APPLICANT: FRANK, GLENN R.
APPLICANT: HUNTER, SHIRLEY WU
APPLICANT: WALLENFELS, LYND A
TITLE OF INVENTION: NOVEL ECTOPARASITE SALIVA PROTEINS
TITLE OF INVENTION: AND APPARATUS TO COLLECT SUCH PROTEINS
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheridan Ross P.C.
STREET: 1700 Lincoln Street, Suite 3500
CITY: Denver
STATE: Colorado
COUNTRY: U.S.A.
ZIP: 80203
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/005.069
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/630.822
FILING DATE: 11-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: CONNELL, GARY J.
REGISTRATION NUMBER: 32,020
REFERENCE/DOCKET NUMBER: 2618-17-C3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 863-9700
TELEFAX: (303) 863-0223
INFORMATION FOR SEQ ID NO: 93:
SEQUENCE CHARACTERISTICS:
LENGTH: 616 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-005-069-93

Query Match 0.9%; Score 24; DB 2; Length 616;
Best Local Similarity 100.0%; Pred. No. 0.42;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2531 aagtaaaaaaaaaaaaaaa 2554
|||||
Db 591 AAGTAAAAAAAAAAAAAAAA 614

RESULT 14
US-08-484-993B-19

Sequence 19, Application US/08484993B
Patent No. 5837497
GENERAL INFORMATION:
APPLICANT: Harris Ph.D., Jeffrey D.
APPLICANT: Hsu, Kuang T.
APPLICANT: Podolski, Joseph S.
TITLE OF INVENTION: Materials and Methods for Immunococontraception
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,993B
FILING DATE: 09-NOV-1993
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/012,990
FILING DATE: 29-JAN-1993
PRIOR APPLICATION DATA: 07/973,341
FILING DATE: 09-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 31745
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6653
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 643 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Bos taurus
DEVELOPMENTAL STAGE: Juvenile
HAPOTYPE: Diploidy
TISSUE TYPE: Ovary
CELL TYPE: Oocyte
FEATURE:
NAME/KEY: CDS
LOCATION: 16..582
US-08-484-993B-19

Query Match 0.9%; Score 24; DB 2; Length 643;
Best local Similarity 100.0%; Pred. No. 0.42;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2531 aagtaaaaaaaaaaaaaaaaaa 2554
|||||
Db 605 AAGTAAAAAAAAAAAAAAAAA 628

RESULT 15
US-08-484-158B-19
Sequence 19, Application US/08484158B
Patent No. 5976545
GENERAL INFORMATION:

APPLICANT: Harris Ph.D., Jeffrey D.
APPLICANT: Hsu, Kuang T.
APPLICANT: Podolski, Joseph S.
TITLE OF INVENTION: Pharmaceutical Compositions for
TITLE OF INVENTION: Immunococontraception
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,158B
FILING DATE: 07-JUNE-95
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/149,223
FILING DATE: 09-NOV-93
PRIOR APPLICATION DATA: 08/012,990
FILING DATE: 29-JAN-93
PRIOR APPLICATION DATA: 07/973,341
FILING DATE: 09-NOV-92
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 32794
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6653
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 643 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Bos taurus
DEVELOPMENTAL STAGE: Juvenile
HAPOTYPE: Diploidy
TISSUE TYPE: Ovary
CELL TYPE: Oocyte
FEATURE:
NAME/KEY: CDS
LOCATION: 16..582
US-08-484-158B-19

Query Match 0.9%; Score 24; DB 2; Length 643;
Best local Similarity 100.0%; Pred. No. 0.42;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2531 aagtaaaaaaaaaaaaaaaaaa 2554
|||||
Db 605 AAGTAAAAAAAAAAAAAAAAA 628

Search completed: August 27, 2001, 14:25:46
Job time: 4604 sec

